Europäisches Patentamt

European Patent Office

Office européen des brevets



(1) Publication number:

0 306 162 A3

12

EUROPEAN PATENT APPLICATION

(21) Application number: 88307427.0

2 Date of filing: 11.08.88

(51) Int. Cl.⁵: **C08F** 4/44, C08F 2/50, C08G 65/12, C08G 59/68, C08G 18/16, C08G 18/22, G03F 7/00, C08F 283/00

(3) Priority: 28.08.87 US 90694

Date of publication of application: 08.03.89 Builetin 89/10

Designated Contracting States:

CH DE ES FR GB IT LI NL SE

Date of deferred publication of the search report: 23.01.91 Bulletin 91/04

71 Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY 3M Center, P.O. Box 33427 St. Paul, Minnesota 55133-3427(US)

Inventor: Palazzotto, Michael C. c/o Minnesota Mining and Manufacturing Company 2501 Hudson Road St. Paul Minnesota 55144-1000(US) Inventor: Brown-Wensley, Katherine A. Minnesota Mining and Manufacturing Company 2501 Hudson Road St. Paul Minnesota 55144-1000(US) Inventor: DeVoe, Robert J. Minnesota Mining and Manufacturing Co. 2501 Hudson Road

Manufacturing Co. 2501 Hudson Road St. Paul Minnesota 55144-1000(US)

74 Representative: Bailile, lain Cameron et al c/o Ladas & Parry Isartorplatz 5z 5 D-8000 München 2(DE)

Energy-induced dual curable compositions.

An energy polymerizable composition comprises at least one ethylenically-unsaturated monomer, one of polyurethane precursors, and at least one epoxy monomer, and a curing agent comprising an organometallic compound, and an onium salt.

EP 0 306 162 A3



European
Patent Office

T: theory or principle underlying the invention

EUROPEAN SEARCH REPORT Application Number

EP 88 30 7427

egory		ndication, where appropriate, nt passages	Releva to cla	
	OF A CALLED AL	EL ECTRIC)	1	C 08 F 4/44
X	GB-A-2 042 550 (GENERAL		•	C 08 F 2/50
	* Claims 1,2; page 3, lines 11	5-128; examples "		
	-			C 08 G 65/12
Α	DATABASE WPIL, accession	no. 82-34436E [17], Derv	vent 1	C 08 G 59/68
	Publications Ltd, London, GB			C 08 G 18/16
	& JP-A-57 049 613 (ASAHI D	ENKA KOGYO)	:	C 08 G 18/22
	* Abstract *			G 03 F 7/00
				C 08 F 283/00
				TECHNICAL FIELDS SEARCHED (Int. CI.5)
				C 08 F
				G 03 F
			ļ	
			\	
				İ
			1	ļ
			1	1
			Ì	
			ĺ	
	The present search report has been drawn up for all claims			
	The Hague 09 Novem		эхсн	Examiner
				MEULEMANS R.A.M.G.G.
	CATEGORY OF CITED DOCUM	KENTS		document, but published on, or after
X:	particularly relevant if taken alone particularly relevant if combined with	another	the filing date D: document cited in the application	
	document of the same catagory			ed for other reasons
A:	technological background non-written disclosure		&: member of th	e same patent family, corresponding
_				